

**A REVERSE OSMOSIS WATER FILTERING SYSTEM**

**Abstract**

A method of retrofitting a reverse osmosis system,  
5 includes rerouting concentrate water, received from a  
membrane, from a drain to a water source. The method also  
includes restricting a flow of the concentrate water to the  
water source. Restricting the flow of concentrate water may  
include installing a flow restrictor.

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A reverse osmosis water filtering system includes a  
5 reverse osmosis membrane that has a first output port for  
permeate water, a second output port for concentrate water,  
and an intake port for receiving filtered water. The system  
also includes a filtering system that provides filtered water  
to the membrane and a flow restrictor that restricts a flow of  
10 concentrate water from the membrane to a water source.